Thecus® N4200Eco

Power Meets Affordability

Intel® Atom™ D525

1GB DDR3 Memory

iSCSI

Snapshot for Version Control

VMware support

Add-on Application Module

DLNA-Compliant Media Server

Free Acronis True Image Backup Software

XFS Ext3 ZFS Selectable File System

2.5" & 3.5" HDD Combo Support

Green NAS

AJAX User Interface

vmware READY

Next-Generation Performance

The N4200Eco is powered by the latest Intel® Atom™ D525 Processor and 1GB of DDR3 memory, which delivers impressive performance across the board. Transfer files at incredible speeds, experience instantaneous system response, and have multiple clients connect to the N4200Eco hiccup-free.

Huge Storage Capacity

If you've got a lot of data to store, then you're going to love the N4200Eco. Four SATA hard disk bays mean up to 8TB of storage, perfect for your entire collection of movies, music, photos and more. And with hot-swap capability, you don't even need to turn the NAS off to swap out a hard disk.

Advanced Power Saving Features

Save the planet and save money at the same time with the N4200Eco's power saving features. Schedule your NAS to turn on and off automatically, and have hard disks automatically spin down when idle for a time that you specify. With features like these, saving money is a snap with the N4200Eco.

Dual Display Convenience

The N4200Eco is equipped with not one, but two separate displays. See critical system status from the LCD module and change various system settings using the colorful 2.8" OLED module – all without being anywhere near a computer!

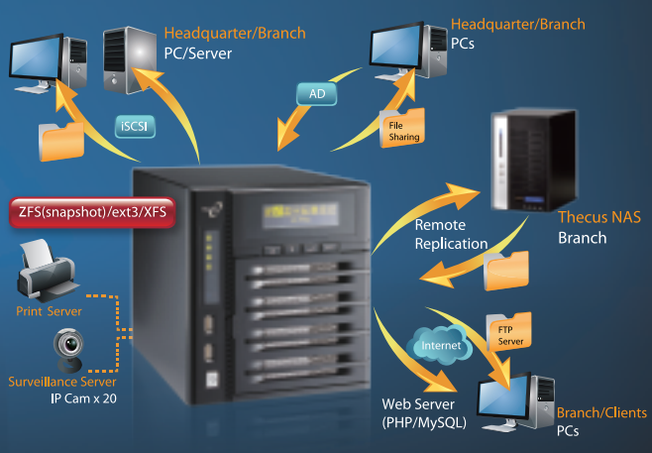
Complete Data Management

Multiple RAID

When it comes to data management, the N4200Eco truly lets you have it your way. Select between multiple RAID modes including RAID 0, 1, 5, 6, 10 and JBOD for your own balance of performance and data protection. Should a hard drive malfunction occur, changing one is simple thanks to online RAID migration and expansion, hot spare, and auto rebuild.

Robust Functionality

Being affordable doesn't make the N4200Eco any less functional. Included with the N4200Eco is a laundry list of useful features such as an FTP server, download manager, printer server, iTunes® server, photo web server, media server and more, making the N4200Eco an amazingly flexible and robust storage device.



Intel® Atom™ | 1GB DDR3 | 4x SATA 8TB+ | 2x eSATA | PCI-e Slot | iSCSI | ext3 XFS ZFS | RAID | Multiple RAID | Online RAID Migration | Online RAID Expansion | Volume Encryption | OS Support | Remote Replication | Hot Swappable

N4200Eco
Specifications

Hardware Platform

Processor
- Intel® Atom™ Processor D525

System Memory
- 1 GB DDR-3 SDRAM

LAN Interface
- RJ-45x2 : 10/100/1000 BASE-TX Auto MDI/MDI-X

LCD indicator
- HDD Power, Activity (Yellow) / Fail (Red)
- LAN_WAN Activity (Green)
- USB_COPY_Busy (Blue)
- USB_COPY_ Fail (Red)

OLED Module
- 2.8" OLED display
- 4 buttons (ENTER, ESC, UP, DOWN)
- Multi-lingual supported

Power Supply
- External power adapter 19V input (support 2TB and above HDDx4)

Disk Interface
- SATA x4 for internal, 2x eSATA for external

Expansion Slot
- PCI-e x1

USB Interface
- USB 2.0 host port x6(Front x2, Back x4) (A Type)

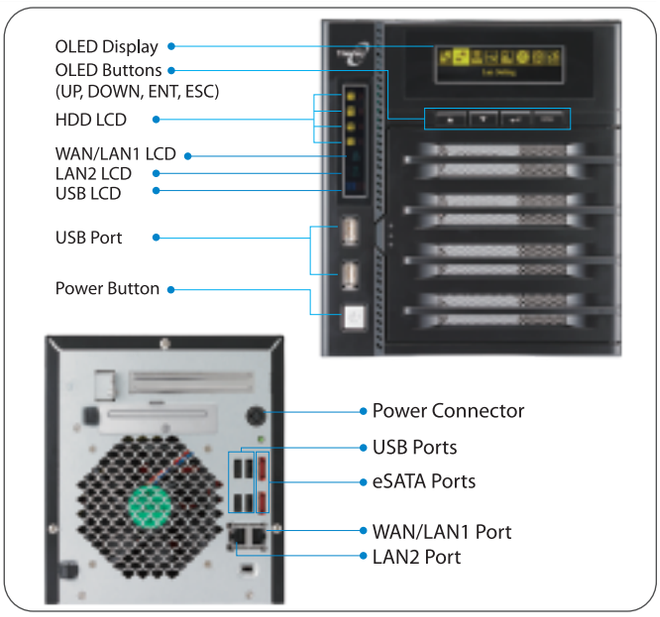
Thermal/Fan control
- Thermal sensor on system and processor
- System fan speed controlled according to temperature

Real-time clock
- Battery backup system clock

Button
- Power button
- Reset to factory default button

Chassis
- Metal chassis

Environment
- Temperature : 5°C to 40 °C
- Humidity : 0 ~ 80 % R.H. (Non-condensing)



Software Functions

RAID
- RAID Modes：RAID 0, 1, 5, 6,10, JBOD
- Auto-Rebuild：Supported
- Hot-Swap：Supported
- Hot-Spare：Supported
- Online RAID Migration：Supported
- Online RAID Expansion：Supported
- SMART Info：Supported
- SMART Test：Supported
- RAID Volume Encryption：AES 256bit

Disk
- Power Management：Configurable automatic drive spin down
- Roaming：Supports roaming to other N4200Eco NAS
- Bad Block Scan：Supported

Volume Management
- Multiple RAID : Supported
- Selectable File Systems : Ext3 / XFS / ZFS

Network
- Configuration：Fixed IP address, dynamic IP address
- IP sharing mode：Can be enable/disabled
- Link Aggregation：802.3ad, load balance, failover, Balance-XOR, Balance-TLB, Balance-ALB
- Transport Protocols：TCP/IP, Appletalk
- File Protocols ：SMB/CIFS, HTTP/HTTPS, FTP, NFS v3, AFP

Data Access
- Client OS support ：
  Windows 2000/7/XP/2003/Vista
  UNIX/Linux
  Mac OS 9 / X
- WebDisk Web-based file access
- FTP：Built-in FTP server with bandwidth control
- Secure FTP : Built-in Secure FTP server with bandwidth control
- Download Manager (module)：HTTP/ FTP/ BT/eMule/NZB
- Printer Server (IPP)
  1.Support USB printers
  2.Support IPP various printers
  3.Client can manage print tasks (list/delete) via web user interface
- TFTP Server : Users can download and upload files with TFTP programs.

Data Backup
- USB copy via OLED operation：Copy USB mass storage device contents to specified location to NAS
- NAS data backup to external USB disk (module)：Incremental with schedule supported
- Client schedule incremental：Acronis True Image (OEM version)
- Client system Disaster Recovery：Acronis True Image (OEM version)
- NAS Remote Replication (module) : Via Rsync to replicate data between two systems.
- NAS Remote Replication：Via Thecus proprietary Nsync
- Mac Time Machine : Supported
- Snapshot：Supported

Block Level Access
- iSCSI Target : Supports Microsoft/Mac/Linux Initiator
- iSCSI initiator : For stackable with N4200/ N4200Eco/ N4200PRO/N5200PRO/1U4600/N5500/N7700 series/ N8800 series
- iSCSI Thin Provisioning : Virtual size adjustable up to 16TB

Multimedia Support
- iTunes Server：Supported file types：AAC, MP3 w/ ID3 tag, WAV
- Photo Web Server：
  1.Supported file types: GIF, JPG (JPEG), BMP, PNG
  2.Support EXIF display
  3.Support slide show
- Media server：Support uPnP AV streaming protocol

User Authentication
- Local User：Supports built-in user accounts
- Local Group：Supports built-in user groups
- Windows NT/ADS：Supported

File System
- Type：Journaling file system
- Capacity：Multi-terabyte
- Language Support：Unicode Support
- Authorization：Read, Write or Deny options on individual users or groups
- Authorization (ACL)：Read, Write or Deny options on individual users or groups for share and sub-folder

Administration
- Multi-Lingual Web-Based Administration : Web-based server management interface
  Supports English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian , Polish and Portuguese.
- Utility Program :
  MS Windows / Mac OS X Setup Wizard
  Supports multilingual
  Supports Windows 7/ 2000/ XP/ 2003/ Vista
  Mac OSX backup utility
- Email Notification : Sends system messages via Email to system administrator
- SNMP Management : Supported

Power Management
- Schedule On/Off : Supported
- Wake-On-LAN (WOL) : Supported

Others
- Recycled bin : Supported
- Web Server + MySQL (module) : Supported
- ISO Mount : Supported
- Web Disk : Supported with remote access
- Auto Module Installation : If Thecus IP storage is capable of connecting to the Internet, then it will automatically link to Thecus's official website and list available modules.
- IP CAM Surveillance Server (module) : Supports up to 5 IP CAM devices
- Supported Web Browsers :
  Internet Explorer 7 or higher
  Firefox 3 or higher

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*Design and specifications are subject to change without prior notice.

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